



# Weather Impact Overview

Northeast Florida & Southeast Georgia



## Life-Threatening Storm Surge Potential

- Storm Surge Warnings for local Atlantic Coast & St. Johns River Basin
- For more surge impact potential info: <https://fb.watch/gGHhaBvqAO/>



## Prepare for Tropical Storm Force Winds Today

- Tropical Storm Warning for Coastal NE FL, Coastal SE GA and adjacent Atlantic Waters
- Tropical Storm Watch for Portions of inland NE FL & Portions of Inland SE GA
- Hunker Down Mode Tonight through Thursday Night



## Major Coastal & Marine Impacts

- Moderate Tidal Flooding around High Tide
- Destructive surf, major beach erosion, and deadly rip currents at all local beaches



## Tornado Threat Increases Late Tonight through Thursday



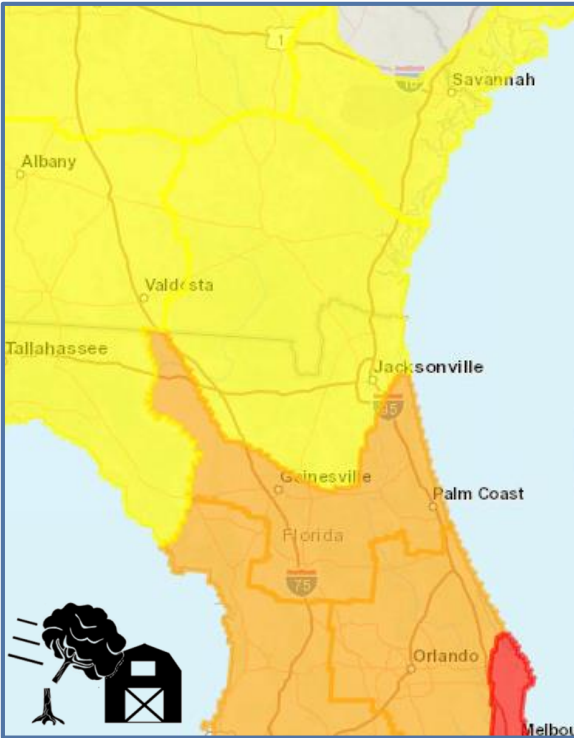
## Localized Flooding Rain Threat Coastal NE FL & east of HWY 301



# Tropical Storm Nicole Potential Impacts Overview

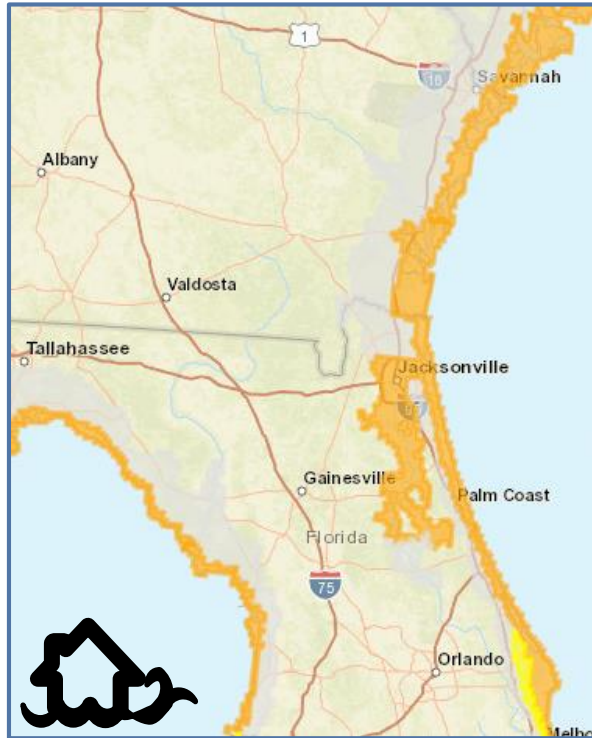
Impacts deteriorate today & continue through Friday

## Wind



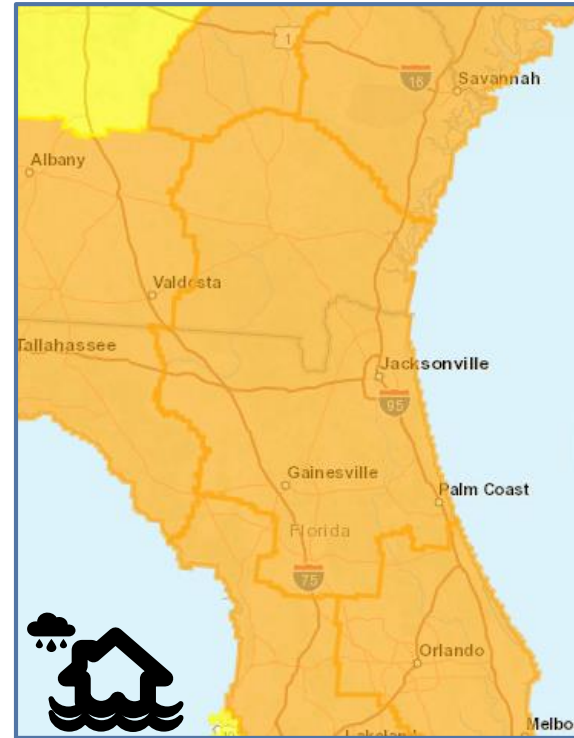
- **Tropical Storm Warnings** in effect for NE FL coast, SE GA coast and Atlantic waters
- Orange: potential for wind 58-73 mph. Yellow: 39-57 mph.

## Storm Surge



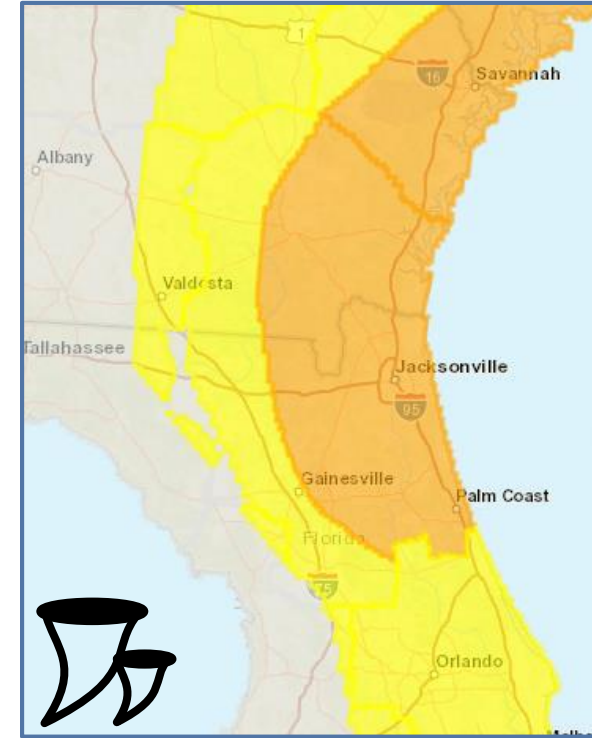
- **Storm Surge Warnings** in effect for the Atlantic coast, ICWW, St. Johns River
- Moderate Storm Surge of 3-5 ft expected.

## Flooding Rain



- Localized Flash Flooding possible.
- Streams & rivers may overflow their banks.

## Tornado



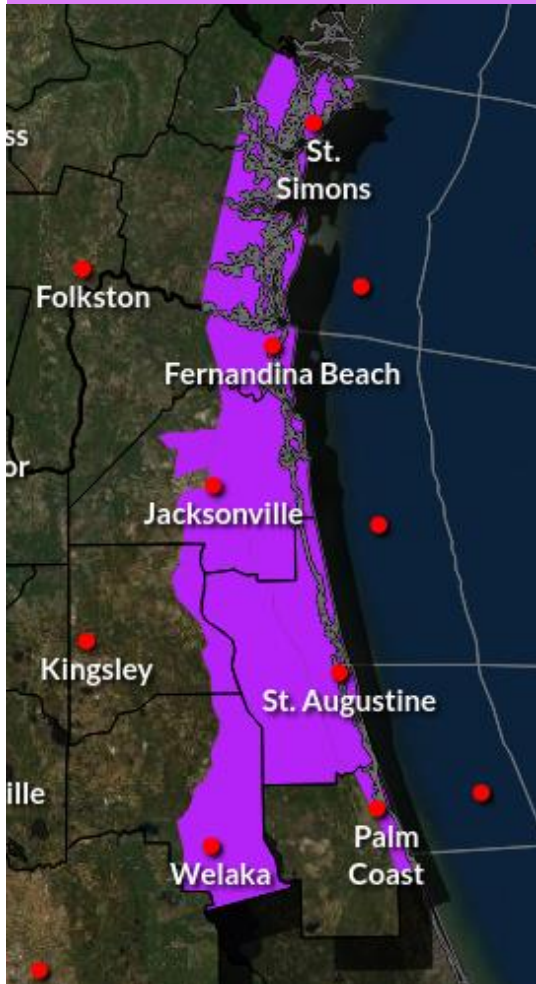
- **A Few Tornadoes Possible** across NE FL and SE GA.
- Main tornado threat timing during pre-dawn hours Thursday for NE FL through midday SE GA



# Storm Surge Threat, Marine & Beach Hazards

Tropical Storm Nicole

## Storm Surge Warning



## Potential for Life-Threatening Storm Surge



### Expected Storm Surge Inundation:

- Immediate Coast, ICWW, and St. Johns River from Mayport to Jacksonville: 3-5 ft
- St. Johns River Basin, south of Jacksonville: 2-4 ft
- The Westbank of the St. Johns River will be prone to higher storm surge Thursday

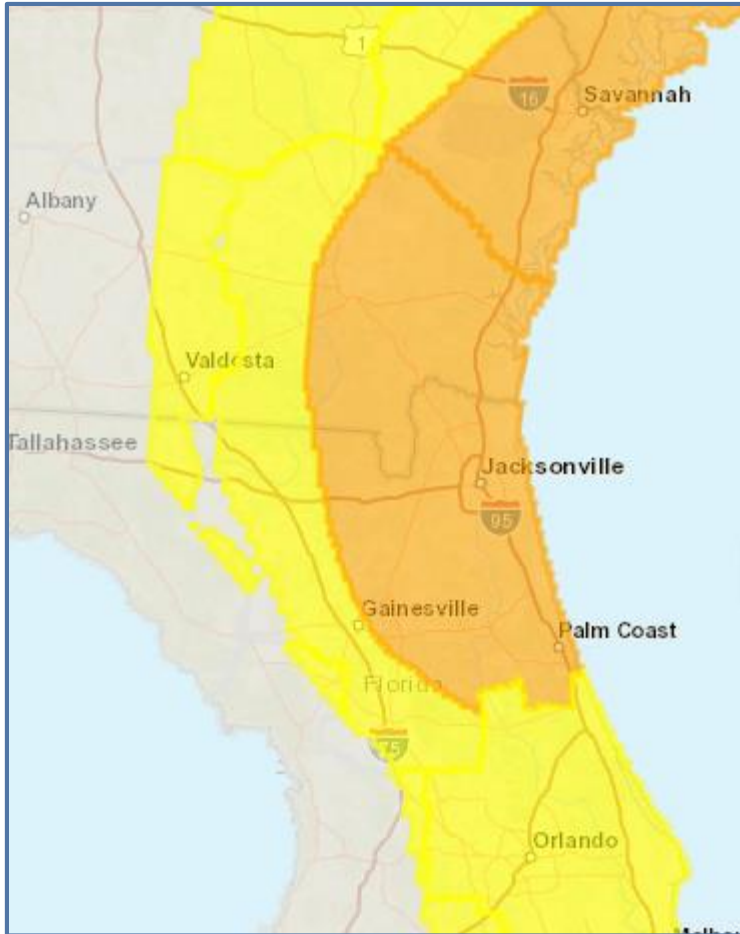


### Prepare for the Following Coastal & Marine Threats:

- High Risk of Deadly Rip Currents
- Destructive Beach Erosion
- Dangerous Boating Conditions

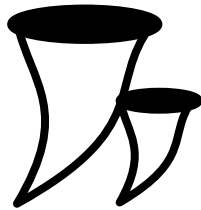


# Tornado Threat Potential



Tornado Threat
Potential for an outbreak of tornadoes
Potential for many tornadoes
Potential for several tornadoes
Potential for a few tornadoes
Tornadoes not expected

## Potential for Several Tornadoes



The tornado threat increases after midnight tonight for coastal NE FL, then expands northward up the SE GA Atlantic coast through midday Thursday and inland toward the Highway 301 corridor.

Consider the following for potential tornado impacts:

- Several large fallen trees & tree limbs
- Power outages
- Damage to structures and mobile homes possible
- Ensure multiple ways to receive warnings – including at night and with potential power loss
- Identify a safe room in your shelter





# Wind Threat Potential

Tropical Storm Nicole

## Tropical Storm Warnings & Watches

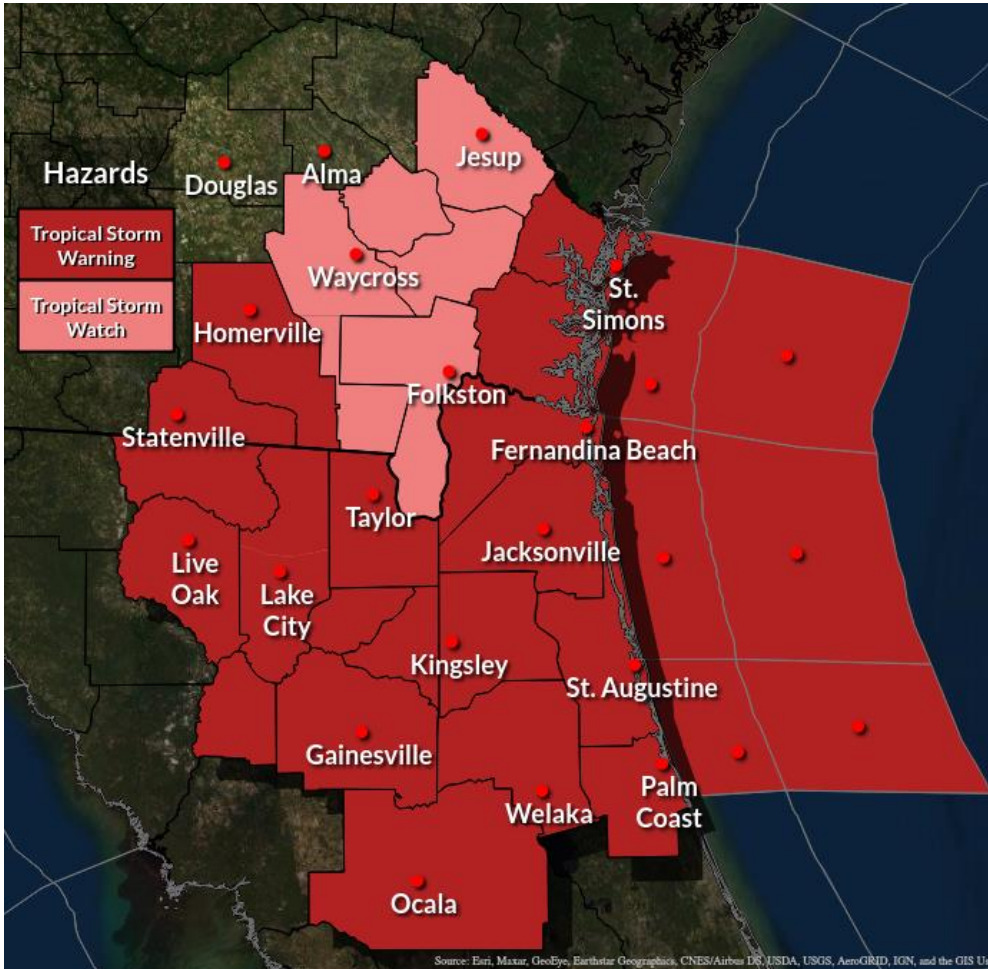


Gusts to Tropical Storm force will increase south to north today and tonight. Sustained Tropical Storm force winds are expected across NE FL and portions of SE GA tonight through Friday morning.



Prepare for the following wind impacts:

- Several large fallen trees & tree limbs
- Power outages
- Damage to structures and mobile homes possible
- Some roads impassable due to fallen debris



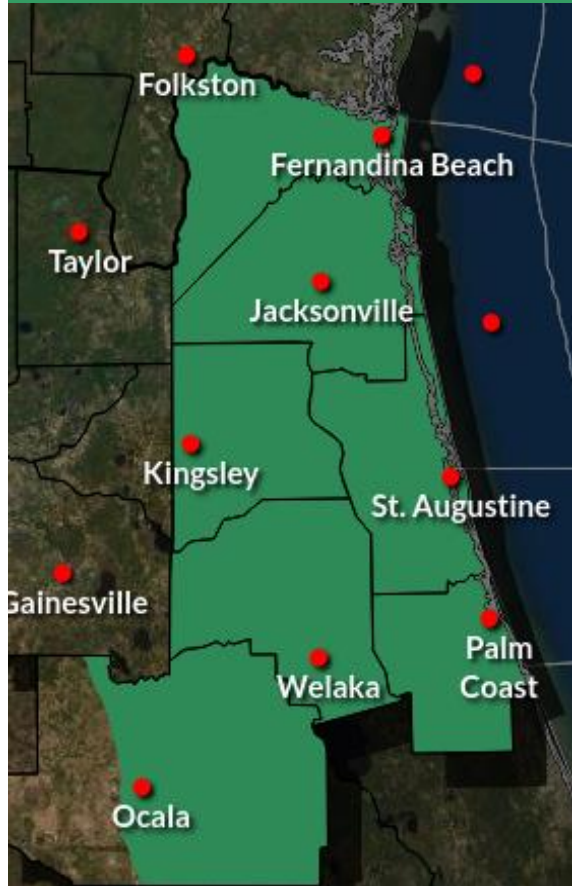
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



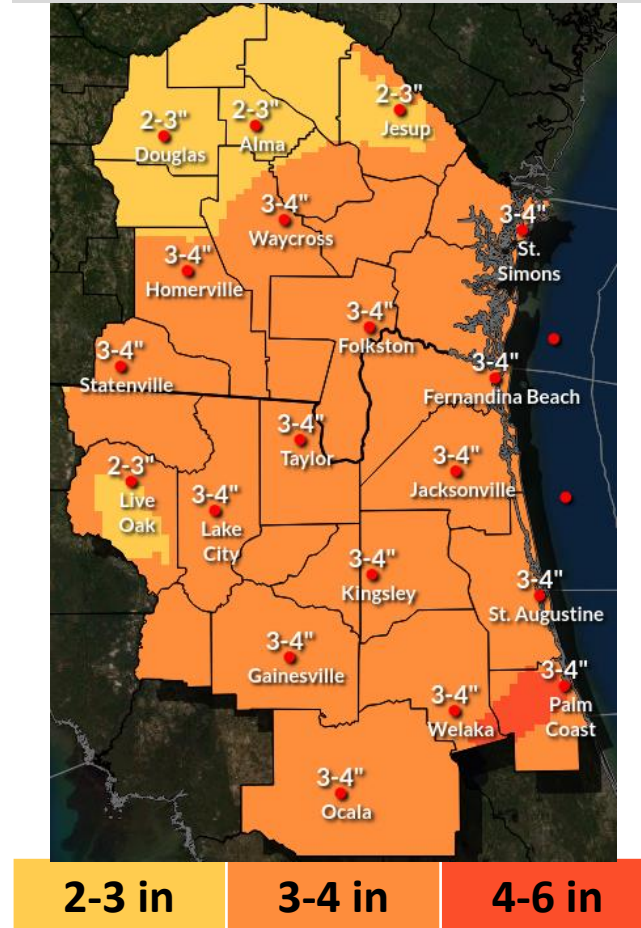
# Flooding Rainfall Potential

Northeast Florida & Southeast Georgia

## Flood Watch Area



## Storm Total Rainfall Today through Friday

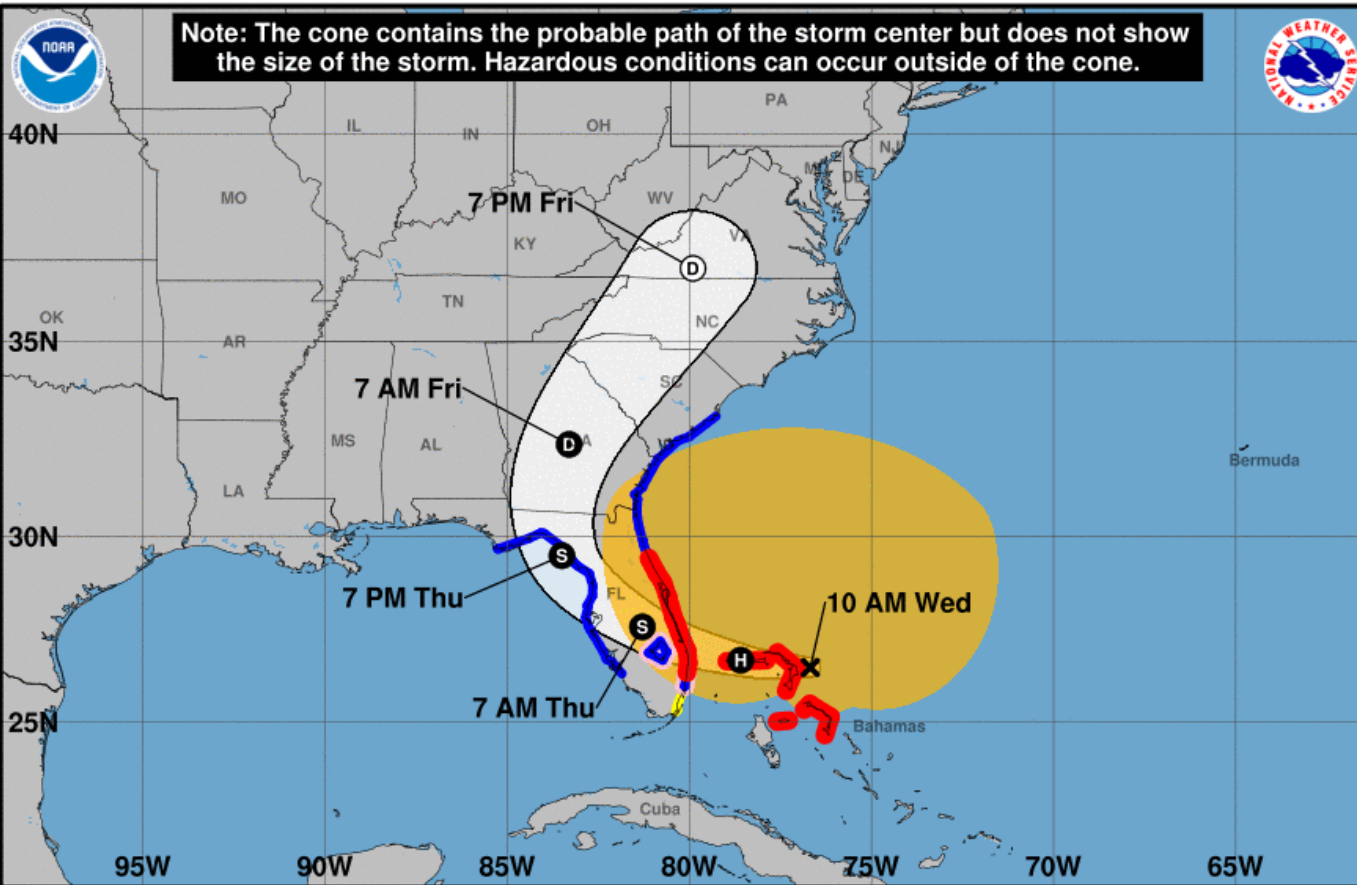


- Localized flash flooding is possible today through Friday across portions of NE FL
- Most vulnerable flash flood potential areas include coastal NE FL & within the St. Johns River Basin
- General rainfall amounts of 3-6 inches expected - locally higher amounts possible especially along coastal St. Johns & Flagler counties

# Tropical Storm Nicole

Jacksonville, FL  
Weather Forecast Office

Issued November 9, 2022 10:38 AM ET



**Tropical Storm Nicole**  
Wednesday November 09, 2022  
10 AM EST Advisory 10  
NWS National Hurricane Center

**Current information: x**  
Center location 26.5 N 76.7 W  
Maximum sustained wind 70 mph  
Movement W at 12 mph

**Forecast positions:**  
● Tropical Cyclone ○ Post/Potential TC  
Sustained winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110 mph

**Potential track area:** Day 1-3 Day 4-5  
**Watches:** Hurricane Trop Stm  
**Warnings:** Hurricane Trop Stm  
**Current wind extent:** Hurricane Trop Stm

## NE FL & SE GA Key Points



Nicole will move westward toward the SE FL Atlantic Coast today, then NNW across the FL peninsula & south GA Thu & Fri



Marine & Coastal conditions deteriorate today. Significant impacts will focus along the Atlantic Coast & St. Johns River basin.

## Potential Hazards



Tropical Storm Winds, High Seas



Storm Surge, Extreme Beach Erosion, Deadly Rip Currents



Tropical Storm Winds



Localized Flood Rainfall along the NE FL Coast



Finalize Storm Preparations Today